




Focus Occupation: **Machinists (51-4041)**

Focus occupation: Machinists	
Employment and Growth	195/ 4.8%
Ave. Monthly Wage	\$4,834
Education/Experience	High school diploma or equivalent

Advance FROM Focus Occupation				
Occupation	Rung	Employment/ Growth	Education/Experience	Similarity
First-Line Supervisors of Production and Operating Workers  (51-1011)	3	790/ 2.5%	VOC/1-5 yrs	77
Millwrights (49-9044)	2	222/ 15.6%	HS	70
Computer Numerically Controlled Machine Tool Programmers, Metal and Plastic (51-4012)	1	n/a	HS	74
Industrial Machinery Mechanics  (49-9041)	1	421/ 14.1%	HS	81
Mobile Heavy Equipment Mechanics, Except Engines (49-3042)	1	865/ 11.8%	HS	70
Tool and Die Makers (51-4111)	1	n/a	HS	86

Transfer TO and FROM Focus Occupation				
Occupation	Rung	Employment/ Growth	Education/Experience	Similarity
Layout Workers, Metal and Plastic (51-4192)	0	n/a	HS	70
Maintenance Workers, Machinery (49-9043)	0	348/ 9.1%	HS	73
Patternmakers, Metal and Plastic (51-4062)	0	n/a	HS	75
Welders, Cutters, Solderers, and Brazers  (51-4121)	0	751/ 10.3%	HS/under 1 yr	84

Advance TO Focus Occupation				
Occupation	Rung	Employment/ Growth	Education/Experience	Similarity
Computer-Controlled Machine Tool Operators, Metal and Plastic (51-4011)	-1	n/a	HS	81
Engine and Other Machine Assemblers (51-2031)	-1	n/a	HS	73
Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic (51-4034)	-1	n/a	HS	91

Tool Grinders, Filers, and Sharpeners (51-4194)	-1	n/a	HS	77
Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders (51-4122)	-1	34/ 6.3%	HS	71

Important note: A worker does not necessarily have to traverse every rung to advance to or from the focus occupation. Occupations above and below the focus occupation are directly related to the focus occupation, but they are not necessarily directly related to each other. For example, actors and athletes are both related to agents of artists, performers, and athletes, but actors and athletes are not directly related to each other.

Analysis and development of the career lattice is by the Alaska Department of Labor and Workforce Development, Research and Analysis Section.

Data sources used for research and analysis: O*NET (Occupation Information Network), Alaska Occupational Data Base (ODB), Standard Occupational Classification Manual, North American Industry Classification System manual, Bureau of Labor Statistics Occupational Employer Survey (OES) wage estimates.